

To: Tamzen Macbeth[/O=NORTHWIND/OU=FIRST ADMINISTRATIVE
GROUP/CN=RECIPIENTS/CN=TMACBETH];
Subject: RE: cfarm data 6-8-07
Sent: Sun 6/10/2007 10:43:19 PM
From: Jennifer Weidhaas

[DMSO and temperature effects.doc](#)

I looked at the tad rather than the excel data. The word file is a summary of amplification and the melt curves. Will you be in on Monday to discuss?

-----Original Message-----

From: Tamzen Macbeth
Sent: Sat 6/9/2007 9:59 AM
To: Jennifer Weidhaas
Subject: FW: cfarm data 6-8-07

Hey Jen,

I've sorted through the data, the replicates look weird, and aren't tight at all. In addition, the trends are messy and aren't very consistent. I didn't mess with the Tad file though, which might clean it up. Anyway, some general statements can be made. Bottom line- It looks like the ATCC culture was amplifying better than your (+) control and amplified to a higher annealing temperature. We should discuss ASAP.

Cheers,

T.

From: jackjame@isu.edu [mailto:jackjame@isu.edu]
Sent: Saturday, June 09, 2007 8:33 AM
To: Tamzen Macbeth
Subject: cfarm data 6-8-07

The astrisk by the sample name denotes that it was run with DMSO in the master mix. all DNA samples were diluted down to a target concentration of 15ng/5uL. I took the samples from the stock and diluted separately, so the original stock hasn't been diluted. This was a gradient protocol- I can send you more details on the protocol if you don't have it.

From: Jennifer Weidhaas
Sent: Wednesday, July 11, 2007 10:17 AM
To: Tamzen Macbeth
Subject: RE: cfarm report
These results were reported last time and are on the last page of the report.

From: Tamzen Macbeth
Sent: Tuesday, July 10, 2007 9:09 PM
To: Jennifer Weidhaas
Subject: RE: cfarm report

The overview looks good- pretty cool. Do we have results from the 7 samples used in the composite that had the "messy" melt curve? If so, it may be good to include these to evaluate the melt curve issue further.

From: Jennifer Weidhaas
Sent: Tuesday, July 10, 2007 1:47 PM
To: Tamzen Macbeth
Subject: cfarm report

For your review. If you don't have comments I will send it out tomorrow.

Jen

Jennifer Weidhaas, Ph.D., P.E.
Environmental Engineer
North Wind, Inc.
208-557-7883

From: Jennifer Weidhaas
Sent: Thursday, September 27, 2007 2:10 PM
To: Tamzen Macbeth
Subject: RE: Report for Chicken Farm

A lot of this report is redundant in that we repeated or expended on experiments. I suggest we consolidate or remove the results for the following sections:

1. Consolidate sections 3.4, 3.5 and 3.7 as they all detail the sequencing of the duck and goose samples
2. Remove section 3.6 as it details the 3 alternative qPCR primers we developed and tested. These were not chosen since they did not amplify in the environmental samples.
3. Remove section 4.4 test of the QIAmp DNA mini stool kit
4. Remove the peak shift stuff in section 4.8 for the composite water sample but keep the melt peak comparisons against the Brevibacteria caesi sample.
5. Remove section 4.10?

I think we need concurrence from the client regarding reporting the variability in the melt curves in this report. This is something we have internal checks for and report per our SOP in the qPCR reports. I think this will just give more "ammunition" to the defense and any expert they hire should know to ask to see the melt curves rather than us suggesting it to them.

Your comments?

Jen

From: Tamzen Macbeth
Sent: Thursday, September 27, 2007 10:37 AM
To: Jennifer Weidhaas
Subject: FW: Report for Chicken Farm

Hi Jen,
Here is the developed report outline. If you could fill in the methods and results as you see pertinent, that would be great.
Let me know if I can help.
Thanks,
T.

From: Travis Moedl
Sent: Thursday, September 27, 2007 10:15 AM
To: Tamzen Macbeth
Subject: RE: Report for Chicken Farm

Tamzen,
Here you go. I accepted your comments, cleaned up a few formatting spots, and updated the TOC.

Thanks,
Travis

From: Tamzen Macbeth
Sent: Thursday, September 27, 2007 10:02 AM
To: Travis Moedl
Subject: RE: Report for Chicken Farm

Hi Travis,
I revised the outline- can you fix the table of contents and resend to me with changes accepted and then we can start filling in the methods/descriptions?
Thanks,
T.

From: Travis Moedl
Sent: Wednesday, September 26, 2007 4:14 PM
To: Tamzen Macbeth
Subject: RE: Report for Chicken Farm

Tamzen,
Well, here's the first crack at it. I highlighted areas that you may or may not want to address. I also highlighted callouts to figures and tables in the text just so we can see what's called out and what's not according to how each of the tables and figures are numbered – it seems like there's more tables and figures than what's called out in the text. I coded each of the bolded numbers in the original version as Heading 2s in this version and named each of them 'Objective: text...'. I didn't know for sure if that's exactly how you wanted it so we can change it if you want it different.

Thanks,
Travis

From: Tamzen Macbeth
Sent: Wednesday, September 26, 2007 1:09 PM
To: Travis Moedl
Subject: RE: Report for Chicken Farm

Great,
Attached is the file I'd like you to work on. I'll be up to explain in a minute.
3517-005
Thanks,
T.

From: Travis Moedl
Sent: Wednesday, September 26, 2007 1:08 PM
To: Tamzen Macbeth
Subject: RE: Report for Chicken Farm

Tamzen,
Today would actually be best for me – I'm waiting on 3 work plans for Haines, Alaska that are supposed to go out by the end of the week but I haven't seen anything yet so I do have some time until I get them.

Thanks,
Travis

From: Tamzen Macbeth
Sent: Wednesday, September 26, 2007 12:59 PM
To: Travis Moedl
Subject: Report for Chicken Farm

Hi Travis,
I was wondering if you had any time this week to work on a report- shouldn't need too much time maybe 4-8 hours?
Thanks,

T.

From: Harwood, Valerie [vharwood@cas.usf.edu]
Sent: Friday, September 28, 2007 7:46 AM
To: Jennifer Weidhaas
Cc: Tamzen Macbeth
Subject: RE: Poultry biomarker method development
[I agree with your assessment Jennifer.](#)

Valerie J.(Jody) Harwood, Ph.D.
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University of South Florida
4202 E. Fowler Ave.
Tampa, FL 33620
(813) 974-1524 - phone
(813) 974-3263 - fax

From: Jennifer Weidhaas [mailto:jweidhaas@northwind-inc.com]
Sent: Thursday, September 27, 2007 4:15 PM
To: Harwood, Valerie
Cc: Tamzen Macbeth
Subject: Poultry biomarker method development

Jody,

I wanted to get you input on the inclusion of the melt peak profiles from various environmental samples in our method development report. These are not necessarily proof of principle for the specificity of our qPCR assay and I would argue do not need to be provided to the defense unless requested. Would you like us to include these results in the method development report?

Regards,

Jennifer

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